2EZ-EDP-43
NOTE 1

2EZ-EIL-4300
NOTES 1 0 8 1 E

LOCAL CONTROL PANEL 2NV-ELCP-4,28 — 5GW2740-NV-29
LOCAL CONTROL PANEL 2NV-ELCP-13 — 5GW2740-NV-25
LOCAL CONTROL PANEL 2NV-ELCP-26 — 5GW2740-NV-25
LOCAL CONTROL PANEL 2NV-ELCP-19 — 5GW2740-NV-25
LOCAL CONTROL PANEL 2NV-ELCP-30,29 — 5GW2740-NV-25
LOCAL CONTROL PANEL 2NO-LCP-11,10 — 5GW2740-NO-19
LOCAL CONTROL PANEL 2NL-ELCP-8 — 5GW0640-NL-06
LOCAL CONTROL PANEL 2CA-ELCP-9,10 — 5GW0640-CA-19

1	15A 2EZ-52-4301	2	15A 2EZ-52-4302
3	15A 2EZ-52-4303	4	15A 2EZ-52-4304
5	15A 2EZ-52-4305	6	15A 2EZ-52-4306
7	15A 2EZ-52-4307	8	15A 2EZ-52-4308
9	15A 2EZ-52-4309	10	15A 2EZ-52-4310
11	15A 2EZ-52-4311	12	15A 2EZ-52-4312
13	15A 2EZ-52-4313	14	15A 2EZ-52-4314
15	15A 2EZ-52-4315	16	15A 2EZ-52-4316
17	15A 2EZ-52-4317	18	15A 2EZ-52-4318
19	15A 2EZ-52-4319	20	15A 2EZ-52-4320
21	15A 2EZ-52-4321	22	15A 2EZ-52-4322
23	15A 2EZ-52-4323	24	15A 2EZ-52-4324
25	15A 2EZ-52-4325	26	15A 2EZ-52-4326
27	15A 2EZ-52-4327	28	15A 2EZ-52-4328
29	15A 2EZ-52-4329	30	15A 2EZ-52-4330
31	15A 2EZ-52-4331	32	NON-AUTOMATIC NOTE 1.C 2EZ-52-4332

SPARES

SEAMS MULTIPLEXER 2ES-IMUX-203 LOCATED IN 2IX-II-010
5GW0640-IS-01
AM AD416
8-09
2ES-ECA8-2838

2EZ-EFU2-4300
NOTE 1.H
10A 10A

2EZ-27-4300
27 NOTE 1.G
10 SEC. TDDO

TBA NOTE 1.I

120V AC INSTRUMENT POWER DISTRIBUTION PANEL 2EZ-EDP-43

5GW2740-NV-08 — LOCAL CONTROL PANEL 2NV-ELCP-8,6
5GW2740-NV-25 — LOCAL CONTROL PANEL 2NV-ELCP-14
5GW2740-NV-25 — LOCAL CONTROL PANEL 2NV-ELCP-17,16
5GW2740-NV-25 — LOCAL CONTROL PANEL 2NV-ELCP-23,22
5GW2740-NO-19 — LOCAL CONTROL PANEL 2NO-ELCP-7,3
5GW2740-NO-08 — LOCAL CONTROL PANEL 2NL-ELCP-19
5GW0640-NS-11 — LOCAL CONTROL PANEL 2NS-ELCP-3
5GW0640-NS-10 — LOCAL CONTROL PANEL 2NS-ELCP-9

30"
39-3/4"
PLAN VIEW "A"
120V AC INSTR PWR DISTRIBUTION PANEL 2EZ-EDP-42

NOTES:

1. 120V AC INSTRUMENT POWER DISTRIBUTION PANEL 2EZ-EDP-43
   A. PANEL IS PROVIDED ON CONTRACT NO. 78K4-823705
   B. PANELBOARD IS 100 AMPERE FRAME, 10,000 AMPERE-RMS SYMMETRICAL SHORT CIRCUIT CAPACITY AT 240V AC WITH NEMA ENCLOSURE SIMILAR TO WESTINGHOUSE TYPE PFB OR EQUAL.
   C. THE MAIN CIRCUIT BREAKER IS 100 AMPERE FRAME, NON-AUTOMATIC, 2 POLE, 600V AC HAVING MINIMUM WITHSTAND CURRENT RATING OF (illegible) FOR DURATION LESS THAN .0167 SECONDS, 7900 AMPS FOR DURATION LESS THAN .167 SECONDS AND 2000 AMPS FOR DURATION LESS THAN 1 SECOND. WESTINGHOUSE TYPE, FB OR EQUAL.
   D. PANEL ENERGIZED INDICATOR IS A TRANSFORMER TYPE LIGHT UNIT WITH AN AMBER LENS, CUTLER-HAMMER 10250T181CB OR EQUAL.
   E. ANNUNCIATING AND INDICATING WIRE IS 16 AWG, SINGLE CONDUCTOR, TEFZEL INSULATED.
   F. BRANCH CIRCUIT BREAKERS ARE TRIP RATED AS SHOWN ON THE SCHEMATIC, 100 AMP FRAME, 10,000 AMPERE RMS SYMETRICAL INTERRUPTING CAPACITY AT 240V AC, 2 POLE WESTINGHOUSE TYPE EB OR EQUAL.
   G. THE UNDERVOLTAGE RELAY SENSES AN ABSENCE OF VOLTAGE AND PROVIDES CONTACT OPENING DELAYED BY 10 SECONDS, SET BY FIELD. AND DOES NOT OPEN IF VOLTAGE IS REAPPLIED PRIOR TO THE END OF THE 10 SECOND DELAY. 120V AC, 60HZ, 2PDT SWITCH, "AGASTAT 7000 SERIES OFF-DELAY, MODEL NO. 7012PC OR EQUAL.
   H. THE 10 AMPERE FUSES FOR INDICATING LAMP AND TIME DELAY RELAY ARE BUSSMAN BUSSTRON FNM OR EQUAL. WIRES SUPPLING FUSES SHALL BE AS SHORT AS POSSIBLE AND EACH WIRE ISOLATED FROM ALL OTHER WIRES.
   I. TBA IS 8 POINT, 30 AMP, SCREW TYPE, 600V, BUCHANAN Q721 OR EQUAL.
   J. PANEL ACCESS TO BE ADMINISTRATIVELY CONTROLLED. (PANEL DOOR LOCKED WITH ALL BREAKERS OPEN DURING NORMAL OPERATIONS.)
2. 120V AC INSTRUMENT POWER TRANSFORMER 2EZ-ECPT-42
   A. TRANSFORMER IS PROVIDED ON CONTRACT NO. 78K13-822814.
   B. DRY TYPE TRANSFORMER, 240x480-120/240 VOLTS, 1Ø, 60HZ, 15KVA, 150°C. TEMPERATURE RISE WITH TWO 2-1/2% FCAN AND TWO 2-1/2% FCSH TAPS. HEAVY-DUTY TYPE S5H25 OR EQUAL.
3. 120V AC INSTRUMENT POWER DISTRIBUTION PANEL 2EZ-EDP-42.
   A. PANEL IS PROVIDED ON CONTRACT NO. 77K6-821751
   B. PANEL IS DESIGNED FOR 400 AMP SERVICE, SHORT CIRCUIT CAPACITY OF 200,000 RMS SYMMETRICAL AMPS WESTINGHOUSE TYPE FCP OR EQUAL. SEE PLAN VIEW "A"
   C. PANEL CONTAINS THE FOLLOWING
      TWO TWIN UNIT (100A/100A FRAME), 2 POLE FUSIBLE SWITCHES, INTERRUPTING CAPACITY OF 200,000 RMS SYMMETRICAL AMPS WESTINGHOUSE CAT. NO FDPT-2233 OR EQUAL
      ONE 200 AMP FRAME, 2 POLE FUSIBLE SWITCH, INTERRUPTING CAPACITY OF 200,000 RMS SYMMETRICAL AMPS WESTINGHOUSE CAT. NO FDP3224 OR EQUAL.
   D. FUSES ARE STANDARD NEC, CHASE-SHAWMUT CLASS R-9 AND SIZED AS SHOWN.
4. 120V AC INSTRUMENT TRANSFORMER HAS SINGLE POINT GROUND IN 250V BATTERY BOARD ROOM. SEE 5GW0640-EP-05 FOR DETAILS.

120V AC INSTRUMENT POWER TRANSFORMER 2EZ-ECPT-42
EL 610', (250V BATTERY BOARD ROOM 2)

2EZ-ECPT-42
NOTE 2
H1 H2 X1 X2 X3

2EP-ECA4-3 (SEE NOTE 4) STATION GROUND
2EP-ECA4-72
2EP-ECA4-73

2EZ-EDP-42
NOTE 3

2EZ-EDS-4201 100A 2EZ-EFU2-4201 100A FRAME		2EZ-EDS-4202 100A 2EZ-EFU2-4202 100A FRAME	2EP-ECA4-74 — 5GW0640-EP-18 ZONE F-8 — 120V AC INSTRUMENT POWER DISTRIBUTION PANEL 2EZ-EDP-44
2EZ-EDS-4203 100A 2EZ-EFU2-4203 100A FRAME	SPARE	2EZ-EDS-4204 100A 2EZ-EFU2-4204	SPARE
2EZ-EDS-4205 200A FRAME		150A 2EZ-EFU2-4206	2EP-ECA4-70 — 5GW0640-EP-12 ZONE H-1 — 120V AC INSTRUMENT POWER DISTRIBUTION PANEL 2EZ-EDP-40

SPARE

120V AC INSTRUMENT POWER DISTRIBUTION PANEL 2EZ-EDP-42

5GW0640-EP-02 ZONE G-4 — 480V AC POWER DISTRIBUTION PANEL 2EG-EDP-05
2EP-ECA4-71

Docket # 50-483
Control # 8304050536
Date 3-25-83 of Document
REGULATORY DOCKET FILE

APERTURE CARD

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